

EXHIBIT A

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MARKED UP COPY OF THE AMENDED PARAGRAPHS
U.S. PATENT APPLICATION NO. 09/509,283
ATTORNEY DOCKET NO. 7853-215

Marked up version of amended paragraph beginning at page 9, line 19 of the specification:

[Fig. 2a shows] Figs. 2A-1 to 2A-6 show the [result] results of a flow cytometry after induction of the 8F4 antigen on CD4+ T cells. The activation time for the T cells is indicated in parentheses. "PMA" means phorbol myristate acetate; "PHA" means phytohaemagglutinin; "OKT3" is a monoclonal antibody against CD3; "MLR" means mixed lymphocyte reaction; "mAK 9.3" is a monoclonal antibody against CD28; "SEB" means staphylococcal enterotoxin B.

Marked up version of amended paragraph beginning at page 9, line 32 of the specification:

[Fig. 3 shows] Figs. 3A-3E show the [result] results of a flow cytometry for identifying molecules which are involved in the induction of 8F4 in the mixed lymphocyte reaction. "bio" means biotinylated antibody.

Marked up version of amended paragraph beginning at page 9, line 36 of the specification:

[Fig. 4 shows] Figs. 4A-B show the [result] results of a histochemical investigation for localization of 8F4-positive cells in the tonsil.

Marked up version of amended paragraph beginning at page 9, line 39 of the specification:

[Fig. 5 shows] Figs. 5A and 5B-1 to 5B-4 show the [result] results of an expression analysis of 8F4 on T and B cells from human tonsils in a flow cytometry. "bioPE" means biotinylated antibody and streptavidin-phycoerythrin secondary reagent.

Marked up version of amended paragraph beginning at page 9, line 43 of the specification:

[Fig. 6 shows] Figs. 6A-F show the coexpression of the 8F4 molecule with other activation markers (CD69, CD45) in a flow cytometry.

Marked up version of amended paragraph beginning at page 10, line 1 of the specification:

[Fig. 7 shows] Figs. 7A-7D show diagrammatically the enhanced expression of activation molecules on T lymphocytes after costimulation by 8F4. Open circles (O) represent 8F4 antibodies; triangles (◆) represent nonspecific antibodies of the same isotype; filled circles (●) represent anti-CD28 antibodies-9.3.

Marked up version of new paragraph beginning at page 24, line 26 of the specification:

DEPOSIT OF HYBRIDOMA

The hybridoma 8F4, secreting native monoclonal antibody 8F4, was deposited with the Deutsche Sammlung Von Mikroorganismen und ZellKulturen GmbH ("DSMZ"), at Mascheroder Weg 1b, D-3300 Braunschweig, Germany, on April 9, 2002, in compliance with the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure on behalf of the Applicant and the Robert-Koch-Institut.
The deposited hybridoma was assigned DSMZ accession number DSM ACC2539.